Breno Loureiro Giacchini

List of Publications by Year
in descending order

25 papers	478 citations	840776 11 h-index	752698 20 g-index
25 all docs	25 docs citations	25 times ranked	424 citing authors

#	Article	IF	Citations
1	Albedo and atmospheric constraints of dwarf planet Makemake from a stellar occultation. Nature, 2012, 491, 566-569.	27.8	95
2	THE SIZE, SHAPE, ALBEDO, DENSITY, AND ATMOSPHERIC LIMIT OF TRANSNEPTUNIAN OBJECT (50000) QUAOAR FROM MULTI-CHORD STELLAR OCCULTATIONS. Astrophysical Journal, 2013, 773, 26.	4.5	79
3	On the cancellation of Newtonian singularities in higher-derivative gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 306-311.	4.1	49
4	Low-energy effects in a higher-derivative gravity model with real and complex massive poles. Physical Review D, 2017, 96, .	4.7	47
5	Effective delta sources and regularity in higher-derivative and ghost-free gravity. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 013-013.	5.4	35
6	On the gravitational seesaw in higher-derivative gravity. European Physical Journal C, 2017, 77, 1.	3.9	31
7	Weak-field limit and regular solutions in polynomial higher-derivative gravities. European Physical Journal C, 2019, 79, 1.	3.9	26
8	Classical and tree-level approaches to gravitational deflection in higher-derivative gravity. Physical Review D, 2015, 91, .	4.7	16
9	Higher-order regularity in local and nonlocal quantum gravity. European Physical Journal C, 2021, 81, 1.	3.9	14
10	Action principle selection of regular black holes. Physical Review D, 2021, 104, .	4.7	14
11	On the Vilkovisky-DeWitt approach and renormalization group in effective quantum gravity. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
12	Light bending in F[g(â−¡)R] extended gravity theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 54-60.	4.1	11
13	Results of two multichord stellar occultations by dwarf planet (1) Ceres. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2295-2302.	4.4	10
14	Vilkovisky unique effective action in quantum gravity. Physical Review D, 2020, 102, .	4.7	9
15	Background field method and nonlinear gauges. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134882.	4.1	8
16	Light bending by a slowly rotating source in quadratic theories of gravity. Physical Review D, 2020, 102, .	4.7	7
17	Newtonian potential in higher-derivative quantum gravity. Physical Review D, 2021, 103, .	4.7	6
18	Regular Solutions in Higher-Derivative Gravity. Universe, 2018, 4, 140.	2.5	4

#	Article	IF	Citations
19	Experimental limits on the free parameters of higher-derivative gravity. , 2017, , .		3
20	Dispersive photon propagation in semiclassical higher-derivative gravity. Modern Physics Letters A, 2015, 30, 1550052.	1.2	1
21	Effective quantum gravity, cosmological constant, and the Standard Model of particle physics. Physical Review D, 2022, 105, .	4.7	1
22	Eigenvalues and eigenfunctions of the Laplacian via inverse iteration with shift. Applied Mathematics and Computation, 2012, 219, 360-375.	2.2	0
23	Gravitational â€œseesawâ€•and light bending in higher-derivative gravity. , 2017, , 183-188.		0
24	Light deflection in semiclassical higher-derivative gravity. , 2017, , .		0
25	Some classical features of polynomial higher derivative gravities. , 2022, , .		0